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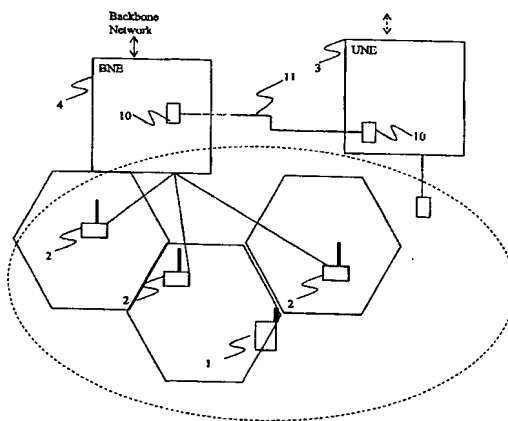
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**(54) Title:** METHOD, SYSTEM, NETWORK ENTITY, AND END-USER TERMINAL FOR CONTROLLING A HANDOVER OF A CELLULAR TERMINAL



**(57) Abstract:** A method, a system and an end-user terminal for providing a handover between a digital unidirectional data communication domain and a digital bi-directional data communication domain is disclosed. Exemplary domains can be a broadcast network such as IP over DVB (Digital Video Broadcasting) network, or a broadcast mode, in further examples IP over DVB-T (Terrestrial DVB) or alternatively referred to as IPDC (IP Datacast), the 3G (The Third Generation for Mobile Communication) network, in further examples UTRAN (UMTS Terrestrial Radio Access Node). The embodiments apply measurement signalling structure of the Inter-system handover of UMTS (Universal Mobile Telephone System) to control the handover. The measurements of the cell is extended to contain digital unidirectional communications domain cells such as IP over DVB cells, as well as apply these cells to perform the handover. The fact that one of the network is principally delivering one (unidirectional) leads to a partial handover where the downlink data of the bi-directional network is applied in the handover. The unidirectional communications domain is already in a downlink transmission which knits the handover with the downlink of the bi-directional domain.

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